



# Memphis State University

## *The Evening Division*

- ☆ Bachelor's Degree programs offered in the evening
- ☆ Professional Development for:
  - Business
  - Industry
  - Education
  - Liberal Arts
  - Pre-engineering
- ☆ Credit Courses Via Television
  - Business Law
  - Economics
  - Education

*For Further Information Write or Call  
Dr. Calvin M. Street, Director*

**Memphis State University**

Memphis 11, Tennessee  
FA 4-3601

*Spring 1963*

	Romantic Poets of the Nineteenth Century	Engl.	73	7:30	MW	A225	McLaurin	3
			342	71	6:00	MW	A225	McLaurin 3
History	The Development of European Civilization II	Hist.	112	71	6:00	TTh	A123	Cobb 3
				72	7:30	TTh	A123	Cobb 3
	Europe in the Nineteenth Century	Hist.	412	71	6:00	MW	A125	Crawford 3
	The United States After 1865	Hist.	222	71	6:00	MW	A113	Hughes 3
				72	7:30	MW	A113	Hughes 3
Mathematics	Constitutional History of the United States Since 1865	Hist.	344	71	7:30	TTh	A120	McTighe 3
						MW	A120	McTighe 3
	Mathematical Concepts	Math.	102	71	6:00	MW	A302	Mosley 3
	Basic Mathematics	Math.	121	71	6:00	MW	A307	Waggoner 3
	College Algebra and Trigonometry	Math.	122	71	7:30	MW	A307	Heen 3
Music and Music Education	Analytic Geometry and Calculus	Math.	141	71	6:00	MWT	A300	Parry 5
		Math.	211	71	6:00	MWT	A372	Poole 5
		Math.	312	71	6:00	MWT	A369	Farimond 5
	Music Lessons: Individual lessons in piano, organ, orchestral instruments or voice may be taken for credit by Evening Division students. Arrange for these lessons at the time of registration with the Music Department representative.							
Philosophy	Elementary Logic	Phil.	112	71	6:00	MW	A407	Leiber 3
Physical Sciences	General Chemistry	Chem.	112	Lec. 72	6:00-7:30	TTh	M119	Estes 4
				Lab. 72	7:30-9:30	TTh	M115	J.H. Gardner 4
	General Organic	Chem.	322	Lec. 72	6:00-7:30	TTh	MB6	Robinson 4
				Lab. 72	7:30-9:30	TTh	M132	Estes 4
Psychology	General Psychology I	Psyc.	111	71	6:00	MW	J219	Long 3
				72	7:30	TTh	J216	Addington 3
	General Psychology II	Psyc.	112	71	6:00	MW	J216	DeLange 3
	Psychology in Business and Industry	Psyc.	212	71	6:00	TTh	J216	Addington 3
	Psychology of Behavior Disorders	Psyc.	312	71	7:30	MW	J216	DeLange 3
	Introduction to Earth Science I	Geog.	111	Lec. 71	7:30	Tu	J106	Aiken 3
				Lab. 71	7:30	Th	J116	

Memphis State University  
Evening Division • Spring Semester

**(See inside for  
description of courses)**

Memphis State University									
Evening Division • Spring Semester									
(See inside for description of courses)									
Title	Dept.	Course Number	Sec.	Time	Days	Room	Instructor	Cr.	
<b>Industrial Arts</b>	Introduction to Engineering	IA 141	71	6:00	MW	IA127	Staff	3	
	Engineering Graphics I	IA 151	71	7:30	MW	IA124	Staff	3	
	Engineering Graphics II	IA 152	71	7:30	MW	IA124	Staff	3	
	Descriptive Geometry	IA 251	71	7:30	TT	IA123	Staff	3	
	Forestry Products	IA 363	71	6:00	TT	IA122	Simmons	3	
<b>Art</b>	Industrial Safety	IA 437	71	7:30	TT	IA122	Staff	3	
	Plant Layout	IA 448	71	7:30	MW	IA122	Staff	3	
	<b>The School of Arts and Sciences</b>								
	Art Appreciation	Art 111	71	6:00	MW	OHJ309	Govan	3	
	Design II	Art 122	71	7:30	MW	OHJ309	Govan	3	
<b>Biology</b>	Design IV	Art 216	71	7:30	MW	OHJ309	Govan	3	
	Introduction to Biology	Biol. 112	Lec. 71	7:30-8:30	MW	M306	Warmbrod	3	
	General Plant Biology	Biol. 141	71	8:30-9:30	MW	M317	Warmbrod	3	
	Plant Morphology	Biol. 401	71	6:00-8:30	TT	M319	Bancroft	4	
				6:00-9:00	MW	M315	Howell	4	
<b>Classical and Modern Language</b>	Elementary French	Fren. 112	71	6:00	TTh	OHJ205	Biles	3	
	Elementary German	Germ. 111	71	6:00	MW	OHJ209	Deutsch	3	
	Elementary Russian	Russ. 112	71	6:00	MW	OHJ207	Staff	3	
	Elementary Spanish	Span. 112	71	7:30	MW	OHJ207	Buell	3	
	English Fundamentals	Engl. 111	71	6:00	MW	A228	Adams	3	
<b>English</b>	English Fundamentals	Engl. 112	72	6:00	TTh	A325	Kubik	3	
			73	7:30	TTh	A226	James	3	
			71	7:30	MW	A215	Howell	3	
			72	7:30	MW	A226	McLemore	3	
			73	7:30	TTh	A329	Cotnam	3	
	English Literature	Engl. 211	74	7:30	MW	A325	Kubik	3	
			72	7:30	MW	A228	Adams	3	
			73	7:30	MW	OHJ236	Robinson	3	
			74	6:00	TTh	A226	James	3	
				6:00	TTh	A329	Cotnam	3	

	Romantic Poets of the Nineteenth Century	Engl.	342	73	7:30	MW	A225	McLaurin	3
	The Development of European Civilization II	Hist.	112	71 72	6:00 7:30	TTh TTh	A123 A123	Cobb Cobb	3 3
	Europe in the Nineteenth Century	Hist.	412	71	6:00	MW	A125	Crawford	3
	The United States After 1865	Hist.	222	71 72	6:00 7:30	MW MW	A113 A113	Hughes Hughes	3 3
	Constitutional History of the United States Since 1865	Hist.	344	71	7:30	TTh	A120	McTighe	3
	Mathematical Concepts	Math.	102	71	6:00	MW	A120	McTighe	3
	Basic Mathematics	Math.	121	71	6:00	MW	A302	Mosley	3
	Basic Mathematics	Math.	122	71	7:30	MW	A307	Waggoner Heen	3
	College Algebra and Trigonometry	Math.	141	71	6:00	MWT	A300	Parry	5
	Analytic Geometry and Calculus	Math.	211	71	6:00	MWT	A372	Poole	5
	Calculus	Math.	312	71	6:00	MWT	A369	Farrimond	5
Mathematics									
Music and Music Education	Music Lessons: Individual lessons in piano, organ, orchestral instruments or voice may be taken for credit by Evening Division students. Arrange for these lessons at the time of registration by discussion with the Music Department representative.								
Philosophy	Elementary Logic	Phil.	112	71	6:00	MW	A407	Leiber	3
	General Chemistry	Chem.	112	Lec. 72 Lab. 72	6:00-7:30 7:30-9:30	TTh TTh	M119 M115	Estes J.H.Gardner	4
	General Organic	Chem.	322	Lec. 72 Lab. 72	6:00-7:30 7:30-9:30	TTh TTh	MB6 M132	Robinson Estes	4
Physical Sciences									
	General Psychology I	Psyc.	111	71	6:00	MW	J219	Long	3
	General Psychology II	Psyc.	112	72 71	7:30 6:00	TTh MW	J216 J216	Addington DeLange	3 3
	Psychology in Business and Industry	Psyc.	212	71	6:00	TTh	J216	Addington	3
	Psychology of Behavior Disorders	Psyc.	312	71	7:30	MW	J216	DeLange	3
Psychology									
	Introduction to Earth Science I	Geog.	111	Lec. 71 Lab. 71	7:30 7:30	Tu Th	J106 J116	Aiken	3



# Important Dates

Admission: Former students should notify the Records Office by January 2 in order to have registration material ready. New and transfer students should complete admission requirements by January 12, 1963.

Current students may pick up their registration material January 9 and 10 between 5:30 p.m. and 8:00 p.m. Students who pick up registration material early may begin registration at 5:00 P.M. February 8, 1963.

Registration for classes: February 8, 1963. Students whose surnames begin with A-K will register at 6:00 p.m. Those whose surnames begin with L-Z will register at 7:30 p.m.

(This includes registration for credit in Television Courses)

Classes met as scheduled: February 13, 1963.

Fees:

For Residents of Tennessee

\$7.50 per semester hour credit.

For Non-Residents

\$15.00 per semester hour credit.

Application  
For Admission

## APPLICATION FOR READMISSION—MEMPHIS STATE UNIVERSITY

Full Legal Name: \_\_\_\_\_ Sex: \_\_\_\_\_  
(Print) Last First Middle Maiden, if Married M or F

Permanent Mailing Address: \_\_\_\_\_  
Number Street City Zone State

Date of Birth: \_\_\_\_\_ Place of Birth: \_\_\_\_\_  
Month Day Year City State

Date of Proposed Re-entrance: \_\_\_\_\_ Semester of 19 \_\_\_\_\_ Evening Division: \_\_\_\_\_  
(Fall, Spring, or Summer) for the Day Classes: \_\_\_\_\_ (Please Check)

Date of Last Attendance at Memphis State: \_\_\_\_\_

Major Area: \_\_\_\_\_ Classification: \_\_\_\_\_

Colleges Attended Since Leaving Memphis State (If None, Write "None"):

College: \_\_\_\_\_ Date Attended: \_\_\_\_\_

College: \_\_\_\_\_ Date Attended: \_\_\_\_\_

DO NOT WRITE IN THIS SPACE

School: \_\_\_\_\_ Class: \_\_\_\_\_

Clearance: \_\_\_\_\_

Date: \_\_\_\_\_

Signature \_\_\_\_\_

Date: \_\_\_\_\_, 19 \_\_\_\_\_

RETURN THIS APPLICATION TO THE REGISTRAR'S OFFICE

## APPLICATION FOR NEW and TRANSFER STUDENTS

Students beginning college or transferring from another institution complete this form for further information on admission requirements.

Full Name \_\_\_\_\_ Sex: \_\_\_\_\_  
(Print) Last First Middle Maiden, if married M or F

Address \_\_\_\_\_  
Number Street City Zone State

Date of Proposed Entrance \_\_\_\_\_ Semester of 19 \_\_\_\_\_

Application  
For New  
and Transfer  
Students

Memphis State University									
Evening Division * Spring Semester							(See inside for description of courses)		
	Title	Dept	Course Number	Sec	Time	Days	Room	Instructor	Cr
Industrial Arts	Introduction to Engineering	IA	141	71	6:00	MW	IA127	Staff	3
	Engineering Graphics I	IA	151	71	7:30	MW	IA124	Staff	3
	Engineering Graphics II	IA	152	71	7:30	MW	IA124	Staff	3
	Descriptive Geometry	IA	251	71	7:30	TT	IA123	Staff	3
	Forestry Products	IA	363	71	6:00	TT	IA122	Simmons	3
	Industrial Safety	IA	437	71	7:30	TT	IA122	Staff	3
	Plant Layout	IA	448	71	7:30	MW	IA122	Staff	3
The School of Arts and Sciences									
Art	Art Appreciation	Art	111	71	6:00	MW	OHJ309	Govan	3
	Design II	Art	122	71	7:30	MW	OHJ309	Govan	3
	Design IV	Art	216	71	7:30	MW	OHJ309	Govan	3
Biology	Introduction to Biology	Biol.	112	Lec. 71 Lab. 71	7:30-8:30 8:30-9:30	MW	M306 M310	Warmbrod Bancroft	3 4
	General Plant Biology	Biol.	141	71	6:00-8:30	TT	M319	Howell	3
	Plant Morphology	Biol.	401	71	6:00-9:00	MW	M315	Howell	4
Classical and Modern Language	Elementary French	Fren.	112	71	6:00	TTh	OHJ205	Biles	3
	Elementary German	Germ.	111	71	6:00	MW	OHJ209	Deusch	3
	Elementary Russian	Russ	112	71	6:00	MW	OHJ207	Staff	3
	Elementary Spanish	Span.	112	71	7:30	MW	OHJ207	Bucil	3
English	English Fundamentals	Engl	111	71	6:00	MW	A228	Adams	3
				72	6:00	TTh	A325	Kubik	3
				73	7:30	TTh	A226	James	3
	English Fundamentals	Engl	112	71	7:30	MW	A215	Howell	3
				72	7:30	MW	A226	McLemore	3
				73	7:30	TTh	A329	Cotham	3
	English Literature	Engl.	211	71	7:30	MW	A325	Kubik	3
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				73	6:00	TTh	A226	Robinson	3
	English Literature	Engl	212	71	6:00	TTh	A329	Cotham	3
				72	6:00	MW	OHJ236	Robinson	3
				73	7:30	MW	A226	McLemore	3
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	General Organic	Chem.	322	Lec. 72 Lab. 72	6:00-7:30 7:30-9:30	TTh	MB6 M132	Robinson Estes	4
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	General Psychology II	Psyc.	112	72 71	7:30 6:00	TTh	J216	Addington	3
	Psychology in Business and Industry	Psyc.	212	71	6:00	MW	J216	DeLange	3
	Psychology of Behavior Disorders	Psyc	312	71	7:30	MW	J216	DeLange	3
Geography	Introduction to Earth Science I	Geog	111	Lec. 71 Lab. 71	7:30 7:30	Tu Th	J106 J116	Aiken	3
	Introduction to Earth Science II	Geog	112	Lec. 71 Lab. 71 Lab. 72	7:30 7:30 7:30	M W Th	J119 J116 J119	Figiel Howell	3
	Economic Geography.						J116		
	Industrial and Commercial Geog.		122	71	6:00	MW	J106	Edmondson	3
	A Survey of World Regions II	Geog.	236	71	6:00	MW	J108	Johnson,O.	3
	Urban Renewal	Geog.	453	71	7:30	TTh	J108	Staff	3
Political Science	Residential Housing	Geog.	454	71	6:00	TTh	J108	Johnson,R W.	3
	State and Local Government	PolS	222	71	7:30-9:00	TTh	BA217	Buell	3
Sociology and Anthropology	U S Constitutional Development to 1875	PolS	414	71	6:00-7:30	TTh	BA217	Gregory	3
	Society and Culture	Anth	212	71	6:00	TTh	J226	Osoinach	3
Speech	The Modern Community	Soci	212	71	7:30	TTh	J226	Jensen	3
	Business Speech	Spch.	101*	71	6:00	TTh	A157	Sutton	3
	Basic Speech	Spch	111*	71	7:30	TTh	A157	Sutton	3
*Credit may be earned in only one of the following courses: 101, 111									
The School of Business Administration									
Accountancy	Fundamentals of Accounting I	Acct.	201	71	6:00	TT	BA303	Staff	3
	Fundamentals of Accounting II	Acct.	202	72	7:30	TT	BA303	Staff	3
	Accounting Laboratory	Acct.	272	71	6:00	MW	BA305	Staff	3
	Intermediate Accounting II	Acct.	312	71	6:00	M	BA307	Staff	1
	Cost Accounting II	Acct.	332	71	7:30	MW	BA303	R. Curbo	3
	Advanced Accounting II	Acct.	422	71	7:30	MW	BA303	R. Curbo	3
	Federal Income Tax II	Acct.	452	71	6:00	TT	BA307	Fitzpatrick	3
	Current Accounting Problems II	Acct	S584	71	6:00	TT	BA307	L. Curbo	3
Economics And Finance	Principles of Economics I	Econ.	211	71	6:00	MW	BA205	Staff	3
	Principles of Economics II	Econ.	212	*Lec. 71	6:30-7:30	TT	BA Aud.TV (WKNO)	Staff	3
				*Quiz 1	7:00 am	Tu	BA207	Staff	
				*Quiz 2	10:00-12:00N	Alt. S	BA207	Staff	
	Economics of Business								
	Enterprise	Econ.	312	71	7:30	TT	BA201	Staff	3
	Labor Economics	Econ.	321	71	7:30	TT	BA211	Staff	3
	Money and Banking I	Econ	361	71	6:00	MW	BA201	Staff	3
	Public Finance	Econ	451	71	7:30	MW	BA205	Staff	3
	Investment Portfolio Planning	Econ.	S562	71	7:30	MW	BA201	Staff	3
Monogement	*A student taking Econ. 212, Lec. 71 (Television) is required to sign up for one quiz section.								
	Introduction to Business	Mgmt.	101	71	7:30	MW	BA213	Staff	3
	Clerical Office Machines	Mgmt.	271	71	6:00	TT	BA209	Staff	3
	Business Law II	Mgmt.	302	*71	7:00-7:30 pm	TT	T V. (WKNO)	Staff	3
	Personnel Administration	Mgmt.	421	71	6:00	MW	BA211	Staff	3
	Real Estate Appraisal	Mgmt.	434	71	7:30	TT	BA213	Staff	3
	Management of Business Enterprise	Mgmt.	442	71	6:00	TT	BA213	Staff	3
	Plant Layout	Mgmt.	448	71	7:30	MW	IA122	Staff	3
	Estate Planning	Mgmt	S505	71	6:00	MW	BA213	Staff	3
	*Students must attend a quiz section at MSU from 8:00 a.m. to 10:00 a.m. on alternate Saturdays (Room BA207)								
Marketing	Principles of Marketing	Mktg	301	71	6:00	TT	BA221	Staff	3
	Salesmanship	Mktg	361	71	7:30	TT	BA221	Staff	3
	Sales Management	Mktg	461	71	7:30	MW	BA221	Staff	3
	Credit and Collections	Mktg	485	71	6:00	MW	BA221	Staff	3
Secretarial Science and Office Management	Fundamentals of Shorthand II	SecS	212	71	7:30	TT	BA319	Counce	3
	Typing for General Business	SecS.	222	71	6:00	TT	BA315	Counce	3
	Business Report Writing	SecS.	351	71	6:00	MW	BA319	Treece	3
	Secretarial Office Machines	SecS	371	71	7:30	MW	BA317	Treece	3
The School of Education									
Curriculum and Instruction	Introduction to Education	Educ.	101	71	7:30	MW	A270	Griesbeck	3
	Human Growth and Development	Educ.	102	71	7:30	MW	A200	Sevedge	3
	The Psychology of Learning	Educ.	201	71	6:00	MW	A200	Rudman	3
	Routine School Management and Teaching Aids	Educ.	202	71	6:00	MW	A270	Woody	3
	Teaching Methods in High School Subjects	Educ.	381	71	7:30	TTh	A270	Albert	3
	Materials and Methods in High School Social Science	Educ.	391N	71	6:00	TTh	A270	Smith	3
	School and Community Relationships	Educ	411	71	4:30-7:30	Tues	A200	Haynes	3
	The Teaching of Natural Science in the Elementary School	Educ.	442	71	6:00	TTh	A308	Moore	3
	The Teaching of Reading in the Elementary School	Educ.	446	71	4:30	TTh	A308	Shubkagle	3
	Materials and Methods of Teaching Economics in High Schools	Educ.	492*	71	(6:30-7:30) (7:00-7:30)	TTh F	BA Aud	Television (WKNO)	3
	*Note: Students must attend a quiz section at MSU (BA309) from 9:00 a.m. to 11:00 a.m. on alternate Saturdays								
Special Education	Educational and Medical Aspects of Crippling and Special Health Conditions	SpEduc	484	71	7:30	TTh	A266	Perry	3
Health	Supervision and Administration in Health Agencies	Hlth.	450	71	4:30-6:00	MW	F121	Scott	3
Physical Education	Badminton (Women)	P Ed	255	71	6:00	TT	F207	Dowd	1
	Badminton (Men)	P Ed.	218	71	6:00	TT	F207	Dowd	1

# Description of Courses

## Industrial Arts

- 141—Introduction to Engineering. (3)  
Introduction to the engineering profession, with emphasis on the slide rule and measuring instruments.
- 151—Engineering Drawing. (3)  
Basic drafting practices progressing through the use of isometric, theory of descriptive geometry, and working drawings. One hour lecture, four hours laboratory.
- 152—Engineering Graphics. (3)  
Continuation of Industrial Arts 151, including basic descriptive geometry, isometric, planometric and surface. **PREREQUISITE:** Industrial Arts 151. (Students with two years of high school drafting, with drafting experience—upon satisfactory completion of a proficiency test—may be permitted to enroll in this course. See 152-3.)
- 211—Descriptive Geometry. (3)  
Representation and space relations of points, lines, and plane intersections. **PREREQUISITE:** Industrial Arts 152.
- 363—Extercity Products. (3)  
Study and testing of wood and lumber products. **PREREQUISITE:** Industrial Arts 341.
- 437—Industrial Safety. (3)  
Study of industrial hazards and safety procedures. Three hours lecture.
- 448—Plant Layout. (3)  
Study of industrial plants, with emphasis on floor plans and placement of equipment. **PREREQUISITE:** Industrial Arts 151 or drafting experience.

## School of Arts and Sciences

### Art

- 111—Art Appreciation. (3)  
An introduction to the fundamental principles of the fine arts, aimed at providing an understanding of art concepts and processes as a basis for judgment and enjoyment of all types of art expression.
- 222—Design II. (3)  
Continuation of Art 121 with emphasis on color fundamentals.
- 216—Creative Design. (3 credits each semester).  
An introduction to design as a basic factor in creative expression. Students are studied in the use of the pen, ink, and photograph. Two hours lecture, two hours laboratory.

### Biology

- 112—Introduction to Biology. (3)  
A continuation of Biology 111 with emphasis on the plant kingdom. Not acceptable for preprofessional students without laboratory. Two hours lecture, two hours laboratory. **Prerequisite:** Biology 111.
- 141—General Plant Biology. (4)  
A survey of the plant kingdom (which distribution, taxonomy, relationships, and evolution) and the evolutionary importance of selected forms are especially considered. Three hours lecture, two hours laboratory.
- 401—Plant Morphology. (4)  
Comparative studies of general structure of lower plants, exclusive of bryozoa and related forms, through the Bryophytes. **PREREQUISITE:** Biology 141 or the equivalent.

## Classical and Modern Languages

- 112—Elementary French. (3).  
A continuation of French 111, completing the study of elementary French grammar, elementary conversation and the reading of simple French texts such as *Le Petit Prince*. **Prerequisite:** French 111.
- 111—Beginning German. (3 credits each semester).  
Reading, vocabulary, pronunciation, grammar.
- 112—Elementary Russian. (3).  
A continuation of Russian 111, devoted to further extensive drill in the fundamentals.
- 112—Elementary Spanish. (3 credits each semester).  
An introduction to students who have had less than the prerequisite for 211.

### English

- 111—English Fundamentals. (3).  
Training in correct writing, including drill in sentence and paragraph construction, diction, punctuation, grammar, spelling, copywriting, and themes, and book reports.
- 112—English Fundamentals. (3).  
A continuation of English 111, devoted to reading for comprehension, the more complex forms of writing (including the research paper), and an introduction to literary types.
- 211—English Literature. (3).  
A survey of English literature from the beginning to the present. **Recommended:** emphasis placed on major writers: Chaucer, Spenser, Shakespeare, Milton, Dryden, Addison and Steele, and Coleridge.
- 212—English Literature. (3).  
A survey of English literature from the period of Romanticism to the present day, with emphasis on the major writers: Wordsworth, Coleridge, Shelley, Byron, Keats, Carlyle, Tennyson, Browning, Arnold, Hardy, Housman, Yeats, and Eliot, English 211 is a prerequisite.
- 344—Romantic Poets of the Nineteenth Century. (3).  
The poetry of Shelley, Keats, and Byron. Colateral readings in prose of the period.

### History

- 112—European Civilization since 1815. (3).  
412—Europe in the Nineteenth Century. (3).  
A study of Europe during the period 1815-1914. **PREREQUISITE:** junior standing and History 111 and 112.
- 224—The United States Since 1865. (3).  
441—Constitutional History of the United States since 1865. (3).  
A study of the operation of the United States Constitution since 1865. **PREREQUISITE:** junior standing and History 222.

### Mathematics

- 102—Mathematical Concepts. (3).  
A continuation of Mathematics 101. Measurement, approximate numbers, simple and compound interest; basic

concepts of geometry; introduction to analytic geometry; functions and graphs. This course does not satisfy any part of the requirements for graduation in The School of Arts and Sciences.

- 121—Basic Mathematics. (3).  
Fundamental operations of arithmetic and algebra, exponents and logarithms, plotting, frequent: linear equations, verbal problems.
- 212—Basic Mathematics. (3).  
Quadratic equations, binomial theorem, trigonometric functions, probability, statistical processes. **PREREQUISITE:** Mathematics 121 or the equivalent.
- 411—College Algebra and Trigonometry. (5).  
Essentials of college algebra and trigonometry. **Prerequisite:** Math 121 or qualifying test.
- 211—Analytic Geometry and Calculus. (5).  
Essentials of analytic geometry with an introduction to calculus, including the nature of derivatives, differentiation of algebraic functions and elementary applications. **PREREQUISITE:** Mathematics 141 or qualifying test.
- 312—Calculus. (5).  
Applications of definite integral, power series, partial differentiation, multiple integrals. **Prerequisite:** Math. 311.

## Music and Music Education

- Music. Individual lessons in piano, orchestral instruments, voice and organ may be taken for credit. The student should arrange for their lessons at the time of registration by discussion with the music department representative.
- Philosophy  
An introduction to the principles of traditional logic, with emphasis on deductive inference, the fundamentals of inductive reasoning, and logic as a practical business instrument.

### Physical Sciences

- 212—General Inorganic Chemistry. (4).  
This course is open to all freshmen. It is a prerequisite for all courses in chemistry except Chemistry 105. This course is a comprehensive study of the basic laws and principles of general chemistry. The important metals and non-metals are covered. Laboratory experiments are arranged for those who have not had high school chemistry and for others who need to reinforce their knowledge. Chemistry 121 is elementary qualitative analysis. Mathematics 121 or 141 is a prerequisite for Chemistry 212.
- 322—General Organic Chemistry. (4).  
A continuation of Chemistry 212, with primary emphasis on the chemistry of hydrocarbons and/or aromatic compounds. **PREREQUISITE:** Chemistry 212.

### Psychology

- Psychology 111—General Psychology I. (3).  
An introduction to the methods and scope of contemporary psychology. Facts and principles of human behavior are considered in relation to life adjustment. Areas covered include individual differences, social processes, attitudes and vocational aptitudes, intelligence, and the nature and development of personality.
- 112—General Psychology II. (3).  
An introduction to psychology as a basic science emphasizing research findings and theoretical interpretations in the investigation of human behavior. Areas covered include sensation and perception, motivation and emotion, learning and retention, and physiological mechanisms.

- 212—Psychology in Business and Industry. (3).  
Attitudes, aptitudes, and personality factors, and other psychological factors important in employee and employer relations in business. **Prerequisite:** Psychology 111.
- 312—Psychology of Behavior Disorders. (3).  
A survey of regional psychology in selected areas emphasis on the development of behavior disorders, development of various forms of abnormal psychological reactions, an introduction to methods of psychotherapy.

### Geography

- 112—Physical Geography. (3 credits each semester).  
A study of the major elements of the natural environment as a foundation for better understanding the vicissitudes of the earth. Courses include both laboratory and textbook assignments, and note of physical science of physical science by students qualifying for a BA or BS degree.
- 212—Economic Geography. (3).  
An introductory study of manufacturing, trade, and transportation.
- 236—Regional Geography of the World. (3 credits each semester).  
A survey of regional geography in selected areas throughout the world with emphasis on the people and their activities as related to the environmental setting.
- 453—Urban Renewal. (3).  
Changing urban land uses, first in areas which must improve or rebuild obsolete patterns, functions, and structure, and second in areas which are undergoing structural and institutional changes in the interior and exterior of the city. The study of urban development, growth and expansion.
- 454—Residential Housing. (3).  
A study of residential housing primarily in urban areas, sub-division development, and the major phases of home building and financing.

### Political Science

- 222—State and Local Government. (3).  
The role of the state governments in the Federal System, political institutions, elections, the organization, functions, and problems of state government, with special emphasis on Tennessee government.
- 414—United States Constitutional Development to 1875. (3).  
The development of our constitutional system of government, the role of the Supreme Court, and the historical process by which the Constitution has been amended. Court cases will be used to emphasize the role of the courts in constitutional development.

## Sociology and Anthropology

- 212—Society and Culture. (3).  
Theoretical frameworks within which social and cultural processes are analyzed, interpreted, and understood. Concepts studied include social structure, social change, and social control.
- 312—The Modern Community. (3).  
The community and its provisions for health, education, safety, and welfare; recent tendencies toward control and planning.

### Speech and Drama

- 101—Business Speech. (3).  
Basic principles of oral communication, with attention to the speaking situation of the business world.
- 111—Basic Speech. (3).  
Adjustment to the speaking situation, effective voice usage, bodily activity, and speech organization.

## School of Business

### Accountancy

- 201—Fundamentals of Accounting I. (3).  
Basic principles, journalizing and posting, the accounting cycle, accruals and deferrals, valuation accounts, special journalizing and the voucher register.
- 202—Fundamentals of Accounting II. (3).  
Partnerships, taxation, partnership operation and dissolution, corporation, financial accounting, and accounting theory. **Prerequisite:** Acct. 201.
- 272—Accounting Lab. (1).  
The working of a practice set involving current accounting practice. **Prerequisite:** Acct. 201.
- 312—Intermediate Accounting II. (3).  
Cash and receivables, inventories, tangible operating assets, intangibles, investments, liabilities, reserves and valuation accounts, net income determination, statement of source and application of funds. **Prerequisite:** Acct. 311.
- 332—Cost Accounting II. (3).  
Process costs, estimated costs, standard costs, budgets. **Prerequisite:** Acct. 312.
- 422—Advanced Accounting II. (3).  
Agenies, horse and branch offices, consolidations, mergers, foreign exchange. **Prerequisite:** Acct. 312.
- 452—Federal Income Tax II. (3).  
Laws and regulations for corporations, estates, and individuals. **Prerequisite:** Acct. 422.

- S-563—General C.P.A. Examination. (including theory of accounts, accounting practice, and auditing. Open to persons with substantial accounting background, and on permission of instructor. Spring semester.
- Economics and Finance  
211—Principles of Economics I. (3).  
An introduction to economic concepts and terminology and to the fundamental principles underlying the production, exchange, and consumption of goods, income and wealth, together with the application of these principles to the economic behavior of individuals and to both the neo-classical and the national income methods of economic analysis.
- 212—Principles of Economics II. (3).  
A continuation of Economics 211. **PREREQUISITE:** Economics 211.
- 312—Economics of Business Enterprise. (Formerly Management 312). (3).  
An analysis of the functioning of business enterprise by applying economic theory to the actual problems of business enterprise. Areas covered include the production, product policy, demand and cost considerations, pricing policies, and marketing. **Prerequisite:** Economics 211 and 212.

- 321—Labor Economics. (Formerly Economics 312 and Management 321). (3).  
The functions of the labor market, dealing with the principles, history, and theories of labor policies. Both semesters. **PREREQUISITE:** Economics 211 and 212.
- 361—Money and Banking. (Formerly Economics 321 and Management 361). (3).  
Monetary and banking history of leading countries with special emphasis on the theory of money and banking in the United States, deposit and earning operations of individual banks, interbank and central bank relations of both systems. **PREREQUISITE:** Economics 211 and 212.
- 451—Public Finance. (Formerly Economics 322 and Management 451). (3).  
Theory and practice of government expenditure and revenue, theory, practice, and history, and the influence of various forms of taxation; elementary consideration of the interlocking of revenue and expenditure into fiscal policy. Fall semester. **PREREQUISITE:** Economics 211 and 212.

- S-502—Investment Portfolio Planning. (Formerly Management 502). (3).  
A study of the objectives of investment management with the emphasis on investments by individuals rather than institutions. Areas covered include the principal elements involved in making investment decisions, the analysis of individual industries, companies, and securities involved in the selection of portfolio securities. The emphasis is on long term investment decisions, but considerable attention is given to the timing of purchases and sales. **PREREQUISITE:** Economics 211 and 212.

### Management

- 101—Introduction to Business. (3).  
A survey course to acquaint beginning business students with the major concepts and principles of business, with the aim of orienting them for selection of a specific major. Both semesters. Open to freshmen only.
- 211—Office Office Machines. (3).  
Instruction and practice in the operation of the major types of adding and computing machines, development of a working knowledge of the 10 key and full keyboard adding machines, and the operation of the major types of other mechanical office devices. Both semesters.
- 322—Business Law I. (3).  
Business organization, personal property, trade regulations, contracts, and other subjects. Both semesters. **PREREQUISITE:** Management 301.
- 411—Personnel Administration. (3).  
Employer-employee relationship, job analysis, recruitment, selection, training, transfer, promotion, and dismissal of employees, industrial relations, union-management relations, employee health, interest, and morale, dealing with unions. Spring semester. **PREREQUISITE:** Economics 321 or permission of the instructor.
- 434—Real Estate Appraisal. (3).  
The fundamentals of appraising residential, commercial, and industrial real estate. **Prerequisite:** Management 432.
- 502—Business Planning. (3).  
Consideration is given to overall policy formation and planning in the operation of business. Areas covered include: management, with emphasis on problems of nonfinancial management, and the use of financial statements. **PREREQUISITE:** Management 341.
- 441—Plant Layout. (Same as Industrial Arts 448). (3).  
Study of industrial plants, with emphasis on the design and placement of facilities. **PREREQUISITE:** permission of the instructor.
- S-505—Estate Planning. (3).  
Estate planning from an individual viewpoint designed to create, maintain, and distribute the maximum estate tax credit, including the use of trusts, life insurance, wills, insurance, real estate, investments, and taxes as they relate to the creation and distribution of an estate. Those who will be engaged in assisting others. **PREREQUISITE:** Management 503.

## Marketing

- 301—Principles of Marketing. (3).  
General survey of the marketing structure, development, functions, costs, institutions, and pricing policies. **Prerequisite:** Basic Economics, or permission of instructor.
- 361—Salesmanship. (3).  
Basic principles underlying the sale of products with special emphasis on the techniques of selling. Both semesters. **PREREQUISITE:** Economics 211.
- 461—Sales Management. (3).  
Problems confronting the sales executive, including control of sales force, sales force force Fall semester. **PREREQUISITE:** Marketing 361.
- 485—Credit and Collections. (3).  
System of credit and collections employed today, significance of credit, and effective management of charge accounts and credit, and collection correspondence. Spring semester. **PREREQUISITE:** Marketing 301.

## Secretarial Science and Office Management

- 212—Fundamentals of Shorthand II. (3).  
Further study of shorthand theory, acquisition of ability to take rapid dictation and transcribe accurately. Enrollment must be able to type or be enrolled in a typewriting class while taking this course. Two lectures and two laboratory periods per week. **Prerequisite:** SS 211 or permission of instructor.
- 222—Typing for General Business. (3).  
An advanced typewriting class for nonsecretarial students. Emphasis is placed on the use of business letters, forms, and statements, including tabular material, and on the use of the typewriter. **Prerequisite:** SS 122 and SS 222. **Prerequisite:** SS 121 or permission of instructor.
- 351—Business Report Writing. (3).  
Techniques of report writing, principles of correct report writing, and the use of the typewriter. Topics include: numbers and punctuation, preparation of business reports, financial statements, industry reports, minutes of meetings, briefs, and research thesis. Both semesters. **PREREQUISITE:** SS 211 or permission of instructor.
- 371—Secretarial Office Machines. (3).  
Instruction and practice in the use of secretarial office machines such as the electric typewriter, word writing machine, and the adding machine. Both semesters. **Prerequisite:** SS 211 or permission of instructor.

## School of Education

### Curriculum and Instruction

- 101—Introduction to Education. (3).  
An overview of the whole field of education with emphasis on those things a student should know at the beginning of his professional career.
- 102—Human Growth and Development. (3).  
An attempt is made to make the student better understand child nature and development, to appreciate the fact that all behavior is learned, to form the habit of seeking facts for both normal and abnormal behavior in situations at home, at school, and in the community.
- 211—The Psychology of Learning. (3).  
The psychology of learning is made available to learning activities under the guidance of the school.
- 232—Routinized School Management and Teaching Aids. (3).  
An attempt is made to help the student better understand routine school management, the importance and use of records and reports in developing skills in the use of teacher-made and standardized tests, audio-visual materials, and other sensory aids.
- 361—Foundations of Teaching Methods in High School Subjects. (3).  
Emphasis is placed on ways in which learning experiences may be organized to insure effective learning. **Prerequisite:** Completion of the core-professional program.

- 391—Materials and Methods in High School. (3).  
Objectives, content, and grade placement of Secondary school subjects; tools of instruction; organization of courses, teaching procedures and practice. **PREREQUISITE:** Education 361 and satisfactory preparation in the subject matter field.
- 411—School and Community Relationships. (3).  
The relationship of the school to community agencies concerned with health and safety, government, religious, education, cultural, recreational, and social service. Areas covered include the community to school cooperation, attendance, athletics, health, literature, extracurricular activities, home study, records and reports, guidance, etc.

- 442—The Teaching of Natural Science in the Elementary School. (3).  
An advanced course in the study of the natural environment as a child would view it, including a survey of suitable equipment and materials for the elementary classroom and limited experience in carrying on experiments at the child's level.
- 446—The Teaching of Reading in the Elementary School. (3).  
A study of reading methods designed for the development of independent readers; materials and activities appropriate for each developmental stage.

## Special Education

- 484—Educational and Medical Aspects of Crippling and Special Health Conditions. (3).  
A detailed study of the various types of physically disabled students, including deaf, deaf-blind, orthopedic, muscular, and other commonly recognized disabilities, and the educational and medical problems of the physically disabled. Areas covered include the identification of the physically disabled, the evaluation of the student's health activities in the family-centered health services; legal and legislative aspects of health activities.

## Health

- 430—Supervision and Administration in Health Agencies. (3).  
The functions, principles, and procedures of supervising and administering health agencies, with emphasis on the relationship and responsibilities of personnel in planning, supervising, and evaluating the health activities in the family-centered health services; legal and legislative aspects of health activities.

# General Information

**COURSE CHANGES** Applications for change of course are made in the office of the Director of the Evening Division. No course may be added after Feb. 19, and no course may be dropped after March 19.

**WITHDRAWAL.** Withdrawal from the Evening Division may be effected by advising the Director in writing. Failure to give written notice will result in a grade of "F" in each course for which the student is required. A student who is dropped from a course will be recorded as "W" (withdrawn passing) or "WF" (withdrawn failing). Withdrawal will have his grade recorded as "W" (withdrawn passing) or "WF" (withdrawn failing). Withdrawal will have his grade recorded as "W" (withdrawn passing) or "WF" (withdrawn failing).

**COURSE CANCELLATION.** The University reserves the right to cancel courses listed in this bulletin for which there are inadequate registrations.

**VETERANS' PROCEDURE.** Memphis State University is fully approved for training under the veterans' programs.

Veterans entering college for the first time and desiring to take advantage of the veterans' benefits must apply to the Veterans Administration, 801 Broadway, Nashville 3, Tennessee for a "Certificate of Education and Training."

Korean veterans are responsible for payment of their university fees.

All veterans, after registration, must file schedules of their classes with Coordinator of Veterans' Affairs, whose office is in the Student Center. Each month they must file "K-3" forms and sign the "Certificate of Training" for comparison of their actual record with the record which these forms may be picked up and signed will be posted on the Student Center bulletin board.

Inquiries about veterans programs should be addressed to: Coordinator of Veterans' Affairs, Memphis State University, Memphis 11, Tennessee.

# Memphis State University

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